

CORROSION RESISTANT COATED FUEL CELL BIPOLAR PLATE WITH FILLED-IN FINE SCALE POROSITIES

Abstract

A corrosion resistant coated fuel cell plate and method of making the same are embodied in a metal plate provided with a multilayered conductive coating and then with an overcoat which fills in fine scale porosities in the coating. In one preferred embodiment, the overcoating is amorphous graphite applied through a deposition process. In another preferred embodiment, overcoating is a thin layer of oxide created by chemical anodization process.